

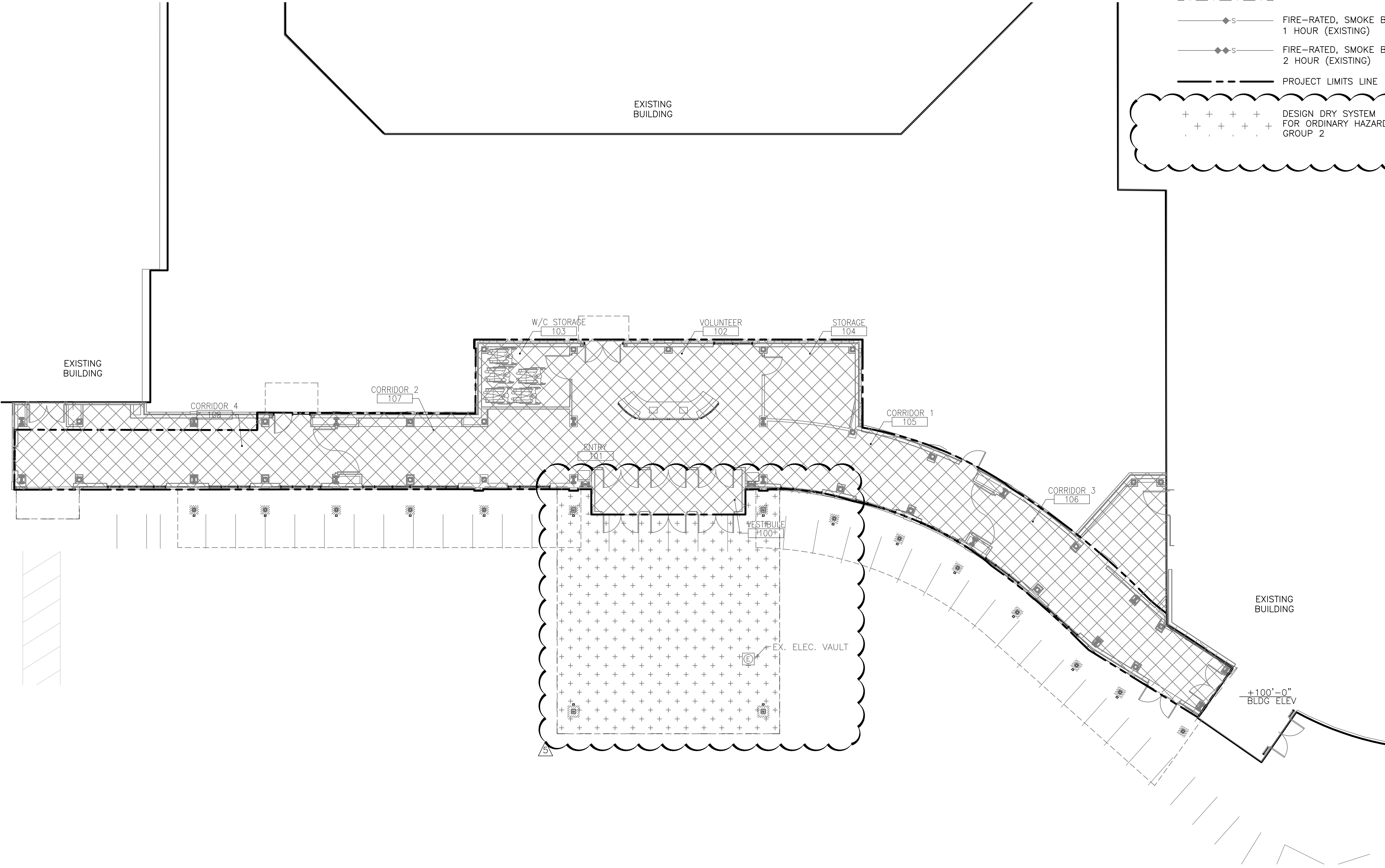
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

LEGEND

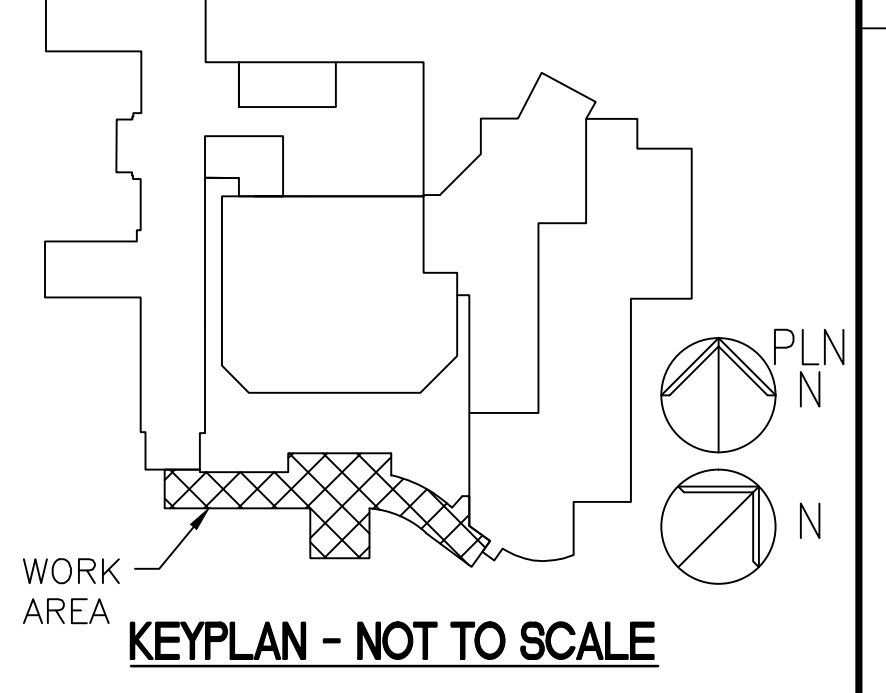
- EXTENT OF NEW SPRINKLER WORK
- EXISTING FIRE SPRINKLER LINE TO REMAIN
- EXISTING SPRINKLER AND FIRE ALARM ZONE 2--INDICATES EXISTING ZONE WITH PIPING AND SPRINKLERS ADDED/RELOCATED AS REQUIRED.
- FIRE-RATED, SMOKE BARRIER, 1 HOUR (EXISTING)
- FIRE-RATED, SMOKE BARRIER, 2 HOUR (EXISTING)
- PROJECT LIMITS LINE
- DESIGN DRY SYSTEM FOR ORDINARY HAZARD GROUP 2

NOTES

- REFER TO DWG. M001 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES RELATED TO THIS SHEET.
- ALL EXISTING PIPING, DUCTWORK, SPRINKLERS, CONDUIT, LIGHTING OR OTHER CONSTRUCTION SHALL BE RELOCATED AS NECESSARY FOR ALL DEMOLITION AND INSTALLATION WORK.
- DESIGN DRAWINGS ARE DIAGRAMMATIC AND APPROXIMATE, ONLY FOR PIPE SIZING, GENERAL ROUTING, LAYOUT AND BASIC SYSTEM CONFIGURATION.
- THE CONTRACTOR SHALL PROVIDE A COMPLETE SHOP DRAWING SUBMITTAL INCLUDING ALL INFORMATION REQUIRED BY NFPA 13, SECTION 22.1.3 (2010 EDITION).
- THE CONTRACTOR SHALL FIELD VERIFY ALL PIPE ROUTING PRIOR TO SUBMITTAL OF SHOP DRAWINGS OR COMMENCING SYSTEM FABRICATION.
- THE CONTRACTOR IS TO PROVIDE A COMPLETE AS-BUILT DRAWING SUBMITTAL, INCLUDING ALL PIPE LENGTHS, ELEVATIONS, HANGER LOCATIONS, HANGER DETAILS, AND OFFSETS AS COORDINATED WITH THE BUILDING STRUCTURE AND OTHER BUILDING TRADES. THE AS-BUILT DRAWINGS SHALL BE ±0'-6+
- ANY MATERIALS AND ACCESSORIES NECESSARY SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13 (2010 EDITION).
- PIPING SHALL BE RUN ON A LEVEL HORIZONTAL PLANE. IF TRAPPED PIPING OVER 5 GALLONS OCCURS, A MINIMUM OF A 3/4" BALL VALVE SHALL BE PROVIDED. PITCH DRY SYSTEM PIPING IN ACCORDANCE WITH NFPA 13, PROVIDE DRUM DRIP ASSEMBLIES FOR ALL TRAPPED DRY SYSTEM PIPE.
- ALL SYSTEMS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS PUT FORTH BY NFPA 13 (2010 EDITION), THE VA DESIGN STANDARDS, THE PROJECT TECHNICAL SPECIFICATIONS, AND ALL APPLICABLE LOCAL AND STATE LAWS AND REGULATIONS.
- ALL ABOVE GROUND PIPING 2-1/2" AND LARGER SHALL BE SCHEDULE 10 BLACK STEEL WITH ROLL GROOVED ENDS AND GROOVED FITTINGS UNLESS NOTED OTHERWISE.
- ALL ABOVE GROUND PIPING 2" AND SMALLER SHALL BE SCHEDULE 40 WITH THREADED CAST IRON FITTINGS. ALL DRY PIPING SHALL BE GALVANIZED SCHEDULE 40 WITH CUT GROOVED, OR THREADED ENDS, FITTINGS NEED NOT BE GALVANIZED.
- ALL SPRINKLERS SHALL BE NEW UL LISTED, FM APPROVED, QUICK RESPONSE, SEMI-RECESSED, CHROME FINISH, UNLESS NOTED OTHERWISE. REFERENCE SPECIFICATIONS FOR SPECIFIC SPRINKLER APPLICATIONS AND TEMPERATURES. ALL DRY SYSTEM SPRINKLERS SHALL BE LISTED DRY PENDANTS.
- ALL CONTROL VALVES SHALL BE SUPERVISED BY THE BUILDING FIRE ALARM SYSTEM.
- ALL VALVES (DRAINS, INSPECTOR'S TEST, CONTROL) SHALL BE IDENTIFIED AS REQUIRED BY NFPA 13 (2010 EDITION).
- ALL VALVES AND WATER FLOW SWITCHES SHALL BE LOCATED IN ACCESSIBLE LOCATIONS.
- SPRINKLER PROTECTION SHALL BE PROVIDED BENEATH ALL CONTINUOUS OBSTRUCTIONS 4'-0" AND GREATER IN WIDTH AS REQUIRED BY NFPA 13 (2010 EDITION).
- SOME WORK UNDER THIS CONTRACT WILL REQUIRE WORK DUTIES TO BE PERFORMED AFTER NORMAL WORKING HOURS. DETERMINATION OF SPECIFIC WORK DUTIES TO BE PERFORMED AFTER HOURS SHALL BE MADE BY VA STAFF AT THEIR CONVENIENCE. POSSIBLE WORK REQUIRING AFTER HOURS APPROVAL INCLUDES, BUT IS NOT LIMITED TO: POWER OUTAGES AND DISRUPTION OF SERVICES, EXTREME NOISE AND/OR VIBRATION, CUTTING AND PATCHING OF CONCRETE, AND DELIVERIES OF EQUIPMENT.
- FIRE ALARM SYSTEM SHALL REMAIN IN OPERATION THROUGHOUT PERIOD OF WORK. THE FIRE PROTECTION CONTRACTOR SHALL ENSURE THAT NO DAMAGE IS DONE TO THE EXISTING SPRINKLER SYSTEM -- I.E. PROTECTIVE CAGES SHALL BE INSTALLED OVER SPRINKLER HEADS DURING RENOVATION, ETC.
- EXISTING WATER SUPPLY AVAILABLE/MAX. DEMAND INFORMATION TO BE SUPPLIED BY THE VA.
- WATER FLOW TESTING RESULTS TO BE SUPPLIED BY THE VA.
- SPRINKLER, FIRE ALARM, AND SMOKE ZONE INFORMATION TO BE SUPPLIED BY THE VA.
- EXISTING BUILDING WATER SUPPLY INFORMATION TO BE SUPPLIED BY THE VA.



E1 FIRE PROTECTION PLAN - FIRST FLOOR
1/8" = 1'-0"



Revisions		04/21/14	CONSULTANTS:		ARCHITECT/ENGINEERS:	<div>PARADIGM</div> <div>ENGINEERS AND CONSTRUCTORS</div> <div>200 Envoy Circle #201, Louisville KY 40299 - PH: 502.339.8511 - www.paradigmusa.com</div>	Drawing Title: FIRE PROTECTION PLAN FIRST FLOOR	Project Title: NEW FRONT ENTRANCE BUILDING 1	Project Number: 595-11-125	Office of Construction and Facilities Management
AMENDMENT		04-22-14				Approved Project Director	Location: LEBANON VAMC 1700 SOUTH LINCOLN AVE, LEBANON PA 17042-7529	Building Number: 1	Drawing Number: 1.FX101	
Revisions		Date								